

Tue Jan 13 06:06:17 2004

us-10-021-509-2.rat

Page 1

GenCore version 5.1.6
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CM protein - protein search, using sw model

Run on: January 12, 2004, 17:40:15 ; Search time 21 Seconds
(without alignments)
302.220 Million cell updates/sec

Title: US-10-021-509-2
Sequence: 795
1 MRKTRLMGLMMLFVSELR.....LVYKGFRCSTLSFSLVDS 150

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA: *
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep: *
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep: *
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep: *
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep: *
5: /cgn2_6/ptodata/1/1aa/6C.COMB.pep: *
6: /cgn2_6/ptodata/1/1aa/6D.COMB.pep: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	725	91.2	234	4	US-09-149-476-478
2	725	91.2	234	4	US-09-702-705-1825
3	725	91.2	234	4	US-09-736-457-1825
4	95.5	12.0	352	4	US-09-996-243-505
5	95.5	12.0	352	2	US-08-979-424-3
6	95.5	12.0	365	3	US-08-928-383B-2
7	95.5	12.0	365	3	US-09-272-456-2
8	95.5	12.0	466	4	US-09-604-107A-8
9	93.5	11.8	365	3	US-08-928-383B-23
10	93.5	11.8	365	3	US-08-928-383B-24
11	93.5	11.8	365	3	US-08-928-383B-26
12	93	11.7	323	6	5260223-4
13	92.5	11.6	393	1	US-08-428-742-2
14	89.5	11.3	388	1	US-08-428-742-4
15	87.5	11.0	323	4	US-09-651-200-21
16	87.5	11.0	323	5	PCR-US94-09642-2
17	87.5	11.0	329	2	US-08-456-104-2
18	87.5	11.0	329	2	US-08-101-624-2
19	87.5	11.0	329	2	US-08-479-744A-2
20	87.5	11.0	329	3	US-08-280-757B-2
21	87.5	11.0	329	3	US-08-205-697A-3
22	87.5	11.0	329	3	US-08-702-525-23
23	87.5	11.0	329	4	US-08-403-253A-4
24	87.5	11.0	329	4	US-09-667-135-32
25	87.5	11.0	329	4	US-08-435-816A-4
26	87.5	11.0	329	5	PCR-US95-02576-23
27	86	10.8	561	3	US-09-227-717-4

28	86	10.8	561	4	US-09-173-151A-23	Sequence 23, Appl
29	85	10.7	253	4	US-09-310-463-36	Sequence 36, Appl
30	85	10.7	287	4	US-09-310-463-32	Sequence 32, Appl
31	84	10.6	110	3	US-08-479-744A-45	Sequence 45, Appl
32	84	10.6	110	3	US-08-280-757B-45	Sequence 45, Appl
33	82.5	10.4	458	6	5223394-7	Patent No. 5223394
34	81.5	10.3	113	4	US-09-553-949-8	Sequence 8, Appl
35	81.5	10.3	771	3	US-08-434-000A-8	Sequence 8, Appl
36	81.5	10.3	771	4	US-09-312-157-8	Sequence 8, Appl
37	81	10.2	332	4	US-09-996-243-517	Sequence 517, Appl
38	79.5	10.0	757	3	US-08-434-000A-6	Sequence 6, Appl
39	79.5	10.0	757	4	US-09-312-157-6	Sequence 6, Appl
40	78.5	9.9	325	4	US-09-651-200-20	Sequence 20, Appl
41	78	9.8	234	2	US-07-690-192-2	Sequence 2, Appl
42	77.5	9.7	624	4	US-08-642-406A-22	Sequence 22, Appl
43	77.5	9.7	624	4	US-09-199-534-22	Sequence 22, Appl
44	77.5	9.7	624	4	US-09-199-534-22	Sequence 22, Appl
45	77.5	9.7	769	3	US-08-434-000A-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1
US-09-149-476-478
Sequence 478, Application US/09149476
Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P1
CURRENT APPLICATION NUMBER: US/09/149,476
EARLIER FILING DATE: 1998-09-08
EARLIER APPLICATION NUMBER: PCT/US98/04493
EARLIER FILING DATE: 1998-03-06
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,333
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/038,621
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,626
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,334
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,336
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,163
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/047,600
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,615
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,597
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,502
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,633
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,583
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,617
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,618
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,503
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,592
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,581
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,584
EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/057,669
 EARLIER FILING DATE: 1997-09-05
 EARLIER APPLICATION NUMBER: 60/049,610
 EARLIER FILING DATE: 1997-06-13
 EARLIER APPLICATION NUMBER: 60/061,060
 EARLIER FILING DATE: 1997-10-02

Query Match
 Best Local Similarity 91.2%; Score 725; DB 4; Length 234;
 Matches 137; Conservativity 100.0%; Pred. No. 8.2e-77;
 Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKEGQTLDVKCDYTLKFKPSSQKAWQIIRD 60
 DB 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKEGQTLDVKCDYTLKFKPSSQKAWQIIRD 60
 QY 61 GEMPKTLACTERPSKNSHPVQVGRILLDDYHDHGLLRVMVNLQVEDSGLYOCVITYOPPK 120
 DB 61 GEMPKTLACTERPSKNSHPVQVGRILLDDYHDHGLLRVMVNLQVEDSGLYOCVITYOPPK 120
 QY 121 EPHMLFDRIRLVYTKGF 137
 DB 121 EPHMLFDRIRLVYTKGF 137

RESULT 2
 US-09-702-705-1825
 Sequence 1825, Application US/09702705
 Patent No. 6504010
 GENERAL INFORMATION:

APPLICANT: Wang, Tonglong
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: Lodes, Michael A.
 APPLICANT: Fanger, Gary
 APPLICANT: Vedvick, Tom
 APPLICANT: Carter, Darrick
 APPLICANT: Retter, Marc
 APPLICANT: Mannion, Jane
 APPLICANT: Fan, Liqun
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121.478C14
 CURRENT APPLICATION NUMBER: US/09/702,705
 CURRENT FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 1833
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 1825
 LENGTH: 234
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-702-705-1825

Query Match
 Best Local Similarity 91.2%; Score 725; DB 4; Length 234;
 Matches 137; Conservativity 100.0%; Pred. No. 8.2e-77;
 Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKEGQTLDVKCDYTLKFKPSSQKAWQIIRD 60
 DB 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKEGQTLDVKCDYTLKFKPSSQKAWQIIRD 60
 QY 61 GEMPKTLACTERPSKNSHPVQVGRILLDDYHDHGLLRVMVNLQVEDSGLYOCVITYOPPK 120
 DB 61 GEMPKTLACTERPSKNSHPVQVGRILLDDYHDHGLLRVMVNLQVEDSGLYOCVITYOPPK 120
 QY 121 EPHMLFDRIRLVYTKGF 137
 DB 121 EPHMLFDRIRLVYTKGF 137

RESULT 3
 US-09-736-457-1825
 Sequence 1825, Application US/09736457
 Patent No. 6509448
 GENERAL INFORMATION:

APPLICANT: Wang, Tonglong
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: Lodes, Michael A.
 APPLICANT: Fanger, Gary
 APPLICANT: Vedvick, Tom
 APPLICANT: Carter, Darrick
 APPLICANT: Retter, Marc
 APPLICANT: Mannion, Jane
 APPLICANT: Fan, Liqun
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121.478C15
 CURRENT APPLICATION NUMBER: US/09/736,457
 CURRENT FILING DATE: 2000-12-13
 NUMBER OF SEQ ID NOS: 1864
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 1825
 LENGTH: 234
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-736-457-1825

Query Match
 Best Local Similarity 91.2%; Score 725; DB 4; Length 234;
 Matches 137; Conservativity 100.0%; Pred. No. 8.2e-77;
 Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKEGQTLDVKCDYTLKFKPSSQKAWQIIRD 60
 DB 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKEGQTLDVKCDYTLKFKPSSQKAWQIIRD 60
 QY 61 GEMPKTLACTERPSKNSHPVQVGRILLDDYHDHGLLRVMVNLQVEDSGLYOCVITYOPPK 120
 DB 61 GEMPKTLACTERPSKNSHPVQVGRILLDDYHDHGLLRVMVNLQVEDSGLYOCVITYOPPK 120
 QY 121 EPHMLFDRIRLVYTKGF 137
 DB 121 EPHMLFDRIRLVYTKGF 137

RESULT 4
 US-09-996-243-505
 Sequence 505, Application US/09996243
 Patent No. 6478825
 GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Kijavini, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tunesi, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2730P13
 CURRENT APPLICATION NUMBER: US/09/996,243